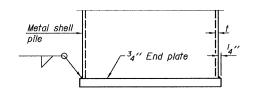
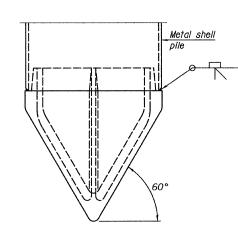


METAL SHELL PILE TABLE

	Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd.³/ft.)
1	PP12	0.179′′	22.60	0.0274
1	PP12	0.250"	31.37	0.0267
1	PP14	0.250"	36.71	0.0368
	PP14	0.312"	45.61	0.0361

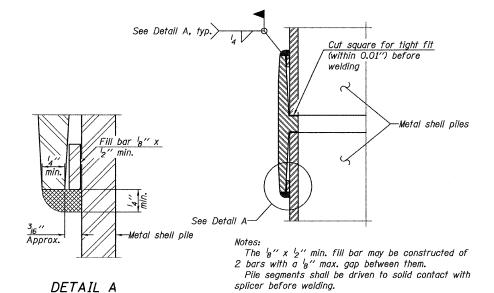


END PLATE ATTACHMENT

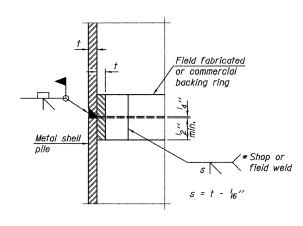


Note A:
When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 90-60 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld.

METAL SHELL PILE SHOE ATTACHMENT (See Note A)

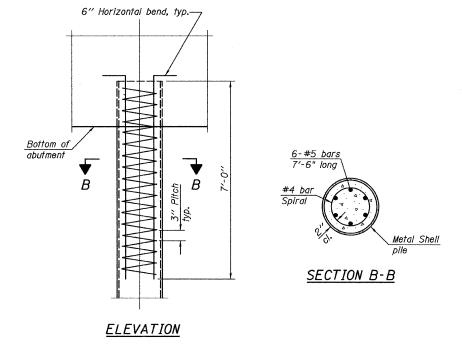


WELDED COMMERCIAL SPLICE



COMPLETE PENETRATION WELD SPLICE

* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.



METAL SHELL REINFORCEMENT AT ABUTMENTS

Note:

The metal shell piles shall be according to ASTM A 252 Grade 3.

F-MS

10-1-08

I	FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
ı	\$FILEL\$		DRAWN -	REVISED -
١		PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
I		PLOT DATE = \$DATE\$	DATE ~	REVISED -



Allen	Henderson	& A	ssociates	s, Inc
Civil a	nd Structural E	ngineer	s Springfiel	d, IL.
62703	Phone: (217)54	4-8033	IL. Design	Firm
	No. 184	-00190′	7	

			T.R. SECTION		COUNTY	TOTAL	SHEET NO.
METAL SHELL PILE DETAILS			166	08-10110-00-BR	MENARD	17	13
			Continue (Freed Insert And Continue and the Continue of Annual Annual Annual Annual Annual Annual Annual Annua	CONTRACT	NO.9 9	510	
SCALE: NONE	SHEET NO. 13 OF 17 SHEETS		FED. RO	DAD DIST. NO. ILLINOIS F	ED. AID PROJECT		